

205602US6 DIV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
TOMOKO TERAOKA ET AL. :
SERIAL NO: NEW APPLN. : ATTN: APPLICATION BRANCH
FILED: HERewith :
FOR: CONTROL DEVICE, CONTROL
METHOD, ELECTRONIC APPARATUS,
CONTROL METHOD OF AN
ELECTRONIC APPARATUS, ELECTRIC
APPARATUS SYSTEM, CONTROL
METHOD OF AN ELECTRIC
APPARATUS SYSTEM, AND
TRANSMISSION MEDIUM

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20531

SIR:

Prior to a first examination on the merits, please amend the above-identified
application as follows:

IN THE CLAIMS

Please cancel Claims 14-19, 30, and 32 without prejudice.

Please amend Claims 1-13 and 20-31 as follows:

--1. (Amended) A control device with controls, by transmitting a control signal, an
electric apparatus that receives information transmitted via a transmission medium,
comprising:

a transmitting unit for transmitting the control signal to the electronic apparatus;

a receiver for receiving additional information that has been extracted from the received information and transmitted by the electronic apparatus;

an output unit for outputting the additional information received by the receiver to a display device;

a memory for storing at least a portion of said additional information; and

an erasing unit for deleting said information stored in said memory.

2. (Amended) The device of claim 1, wherein the additional information is an EPG that is included in the information received by the electric apparatus.

3. (Amended) The device of claim 1, wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

4. (Amended) The device of claim 1, further comprising:

a selecting unit for selecting information from the additional information received by the receiver, wherein said memory is configured to store the information selected by the selecting unit.

5. (Amended) The device of claim 1, further comprising:

a second storing unit for storing the additional information received by the receiver;

a second selecting unit for selecting information from the additional information stored in the second storing unit; and

a second transmitting unit for transmitting the information selected by the second selecting unit to a second electric apparatus.

6. (Amended) The device of claim 1 further comprising a notifying unit for notifying a user of reception of the additional information when the receiver automatically receives the additional information.

7. (Amended) A control method for controlling, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received in the receiving step to a display device;

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory.

8. (Amended) A transmission medium for transmitting a computer program that is used in a control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, the computer program comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received in the receiving step to a display device;

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory.

9. (Amended) A control method, comprising the steps of:

storing a computer program transmitted from the transmission medium, configured for transmitting said computer program that is used in a control device which controls, by

transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, the computer program including the steps of:

- transmitting the control signal to the electric apparatus;
- receiving the additional information that has been extracted from the received information and transmitted by the electric apparatus;
- outputting the additional information received in the receiving step to a display device;
- storing at least a portion of said additional information; and
- selectively deleting said information stored in said memory; and
- performing a control by using the computer program.

10. (Amended) An electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, comprising:

- a first receiving unit for receiving the control signal transmitted from the control device;
- a controller for performing a control in accordance with the control signal received by the first receiving unit;
- a second receiving unit for receiving the information transmitted via the transmission medium;
- an extracting unit for extracting additional information from the information received by the second receiving unit; and
- a transmitting unit for transmitting the additional information extracted by the extracting unit to the control device;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

11. (Amended) A control method of an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, comprising the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracting step to the control device;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

12. (Amended) A transmission medium for transmitting a computer program used in an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, the computer program comprising the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracting step to the control device;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

13. (Amended) A control method of an electric apparatus, comprising the steps of:

storing a computer program transmitted from a transmission medium, the transmission medium for transmitting said computer program used in an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, the computer program including the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracted step to the control device; and

controlling the electric apparatus by using the computer program;

wherein the control device is configured to store said extracted additional information.

20. (Amended) The device of claim 1 wherein the control device instructs the electric apparatus to transmit the additional information.

21. (Amended) The device of claim 1 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

22. (Amended) The apparatus of claim 10 wherein the electric apparatus is a personal computer.

23. (Amended) The apparatus of claim 10 wherein the electric apparatus is a television receiver.

24. (Amended) The apparatus of claim 10 wherein the electric apparatus is a recording apparatus.

25. (Amended) The device of claim 1 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

26. (Amended) The device of claim 1 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

27. (Amended) The device of claim 5 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

28. (Amended) The device of claim 3 wherein the advertisement information includes coupon information.

29. (Amended) The device of claim 3 wherein the advertisement information includes URL information.

31. (Amended) The device of claim 5 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.--

Please add new Claims 33-88 as follows:

--33. (New) A control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising:

transmitting means for transmitting the control signal to the electric apparatus;

receiving means for receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

output means for outputting the additional information received by the receiving means to a display device;

selecting means for selecting information from the additional information received by the receiving means; and

detachable storing means for storing the information selected by the selecting means;

wherein the detachable storing means is an IC card.

34. (New) The device of claim 33 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

35. (New) The device of claim 33 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

36. (New) The device of claim 35 wherein the advertisement information includes coupon information.

37. (New) The device of claim 35 wherein the advertisement information includes URL information.

38. (New) The device of claim 33 further comprising erasing means for erasing the information stored in the detachable storing means.

39. (New) The device of claim 33 further comprising:

second storing means for storing the additional information received by the receiving means;

second selecting means for selecting information from the additional information stored in the second storing means; and

second transmitting means for transmitting the information selected by the second selecting means to a second electric apparatus.

40. (New) The device of claim 39 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

41. (New) The device of claim 39 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

42. (New) The device of claim 33 further comprising notifying means for notifying a user of reception of the additional information when the receiving means automatically receives the additional information.

43. (New) The device of claim 33 wherein the control device instructs the electric apparatus to transmit the additional information.

44. (New) The device of claim 33 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

45. (New) The device of claim 33 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

46. (New) The device of claim 33 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

47. (New) A control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising:

transmitting means for transmitting the control signal to the electric apparatus;

receiving means for receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

output means for outputting the additional information received by the receiving means to a display device;

selecting means for selecting information from the additional information received by the receiving means;

detachable storing means for storing the information selected by the selecting means;

and

erasing means for erasing the information stored in the detachable storing means.

48. (New) The device of claim 47 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

49. (New) The device of claim 47 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

50. (New) The device of claim 49 wherein the advertisement information includes coupon information.

51. (New) The device of claim 49 wherein the advertisement information includes URL information.

52. (New) The device of claim 47 further comprising:

second storing means for storing the additional information received by the receiving means;

second selecting means for selecting information from the additional information stored in the second storing means; and

second transmitting means for transmitting the information selected by the second selecting means to a second electric apparatus.

53. (New) The device of claim 52 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

54. (New) The device of claim 52 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

55. (New) The device of claim 47 further comprising notifying means for notifying a user of reception of the additional information when the receiving means automatically receives the additional information.

56. (New) The device of claim 47 wherein the control device instructs the electric apparatus to transmit the additional information.

57. (New) The device of claim 47 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

58. (New) The device of claim 47 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

59. (New) The device of claim 47 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

60. (New) A control method for controlling, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received at said receiving step to a display device;

selecting information from the additional information received at said receiving step;
and

storing the information selected at said selecting step;

wherein the step of storing includes the step of storing the selected information in an IC card.

61. (New) The method of claim 60 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

62. (New) The method of claim 60 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

63. (New) The method of claim 62 wherein the advertisement information includes coupon information.

64. (New) The method of claim 62 wherein the advertisement information includes URL information.

65. (New) The method claim 60 further including the step of erasing the information stored at said storing step.

66. (New) The method of claim 60 wherein the additional information is advertisement information that is included in the information received by the electric apparatus, and wherein the advertisement information is stored in a prescribed area at said storing step.

67. (New) The method of claim 60 further including the steps of:

a second storing step for storing the additional information received at said receiving step;

a second selecting step for selecting information from the additional information stored at said second storing step; and

a second transmitting step for transmitting the information selected at said second selecting step to a second electric apparatus.

68. (New) The method of claim 67 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

69. (New) The method of claim 67 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

70. (New) The method of claim 60 further comprising the step of notifying a user of reception of the additional information when the additional information is automatically received at said receiving step.

71. (New) The method of claim 60 wherein the control device instructs the electric apparatus to transmit the additional information.

72. (New) The method of claim 60 further including the step of notifying a user of reception of the additional information when the additional information that is transmitted in response to an instruction that was issued from the control device is received at said receiving step.

73. (New) The method of claim 60 wherein the step of outputting includes the step of outputting that part of the additional information which relates to a channel of current reception of the electric apparatus.

74. (New) The method of claim 60 wherein the step of outputting includes the step of outputting that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

75. (New) A method of controlling, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received at said receiving step to a display device;

selecting information from the additional information received at said selecting step;

storing the information selected at said selecting step; and

erasing the information stored at said storing step.

76. (New) The method of claim 75 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

77. (New) The method of claim 75 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

78. (New) The method of claim 77 wherein the advertisement information includes coupon information.

79. (New) The method of claim 77 wherein the advertisement information includes URL information.

80. (New) The method of claim 75 wherein the additional information is advertisement information that is included in the information received by the electric apparatus, and wherein the advertisement information is stored in a prescribed area at said storing step.

81. (New) The method of claim 75 further including the steps of:

a second storing step for storing the additional information received at said receiving step;

a second selecting step for selecting information from the additional information stored at said second storing step; and

a second transmitting step for transmitting the information selected at said second selecting step to a second electric apparatus.

82. (New) The method of claim 81 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

83. (New) The method of claim 81 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

84. (New) The method of claim 75 further comprising the step of notifying a user of reception of the additional information when the additional information is automatically received at said receiving step.

85. (New) The method of claim 75 wherein the control device instructs the electric apparatus to transmit the additional information.

86. (New) The method of claim 75 further including the step of notifying a user of reception of the additional information when the additional information that is transmitted in

response to an instruction that was issued from the control device is received at said receiving step.

87. (New) The method of claim 75 wherein the step of outputting includes the step of outputting that part of the additional information which relates to a channel of current reception of the electric apparatus.

88. (New) The method of claim 75 wherein the step of outputting includes the step of outputting that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.--

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

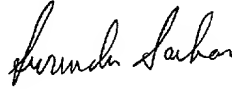
The present application is a continuation of co-pending parent U.S. Application Serial No. 09/114,390. In that parent application, Claims 1-13, 20-29, 33-61, 92-96, and 98-121 were rejected to place that parent application in condition for allowance. The present new continuation application and preliminary amendment are submitted to further prosecute those claims cancelled in the parent of the present application.

By the present preliminary amendment Claims 1-13, 20-29, and 31 are amended as in the parent of the present application and Claims 14-19, 30, and 32 are cancelled. Further, new Claims 33-88 are submitted for examination which correspond to Claims 33-38, 40-52, 54-61, 92-96, and 99-121 from the parent of the present application.

The present application is believed to be in condition for a full and thorough examination on the merits. An early and favorable consideration of the present application is hereby respectfully requested.

Respectfully submitted,

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Marked-Up Copy Serial No. <u>New Div Application</u> Amendment Filed on: <u>April 10, 2001</u>

IN THE CLAIMS

Please amend Claims 1-13 and 20-31 as follows:

--1. (Amended) A control device with controls, by transmitting a control signal [to it], an electric apparatus that receives information transmitted via a transmission medium, comprising:

a transmitting [means] unit for transmitting the control signal to the electronic apparatus;

a receiver [receiving means] for receiving additional information that has been extracted from the received information and transmitted by the electronic apparatus; [and]

an output unit [means] for outputting the additional information received by the [receiving means] receiver to a display device[.];

a memory for storing at least a portion of said additional information; and

an erasing unit for deleting said information stored in said memory.

2. (Amended) The [control] device [according to] of claim 1, wherein the additional information is an EPG that is included in the information received by the electric apparatus.

3. (Amended) The [control] device [according to] of claim 1, wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

4. (Amended) The [control] device [according to] of claim 1, further comprising:

a selecting [means] unit for selecting information from the additional information received by the [receiving means; and]

[detachable storing means for storing the information selected by the selecting means.] receiver, wherein said memory is configured to store the information selected by the selecting unit.

5. (Amended) The [control] device [according to] of claim 1, further comprising:

a second storing [means] unit for storing the additional information received by the [receiving means] receiver;

a second selecting [means] unit for selecting information from the additional information stored in the second storing [means] unit; and

a second transmitting [means] unit for transmitting the information selected by the second selecting [means] unit to a second electric apparatus.

6. (Amended) The [control] device [according to] of claim 1[,] further comprising a notifying [means] unit for notifying a user of reception of the additional information when the [receiving means] receiver automatically receives the additional information.

7. (Amended) A control method for controlling, by transmitting a control signal [to it], an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

[a transmitting step of] transmitting the control signal to the electric apparatus;

[a receiving step of] receiving additional information that has been extracted from the received information and transmitted by the electric apparatus; [and]

[an output step of] outputting the additional information received in the receiving step to a display device[.];

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory.

8. (Amended) A transmission medium for transmitting a computer program that is used in a control device which controls, by transmitting a control signal [to it], an electric apparatus that receives information transmitted via a transmission medium, the computer program comprising the steps of:

[a transmitting step of] transmitting the control signal to the electric apparatus;

[a receiving step of] receiving additional information that has been extracted from the received information and transmitted by the electric apparatus; [and]

[an output step of] outputting the additional information received in the receiving step to a display device[.];

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory.

9. (Amended) A control method, comprising the steps of:

storing [the] a computer program transmitted from the transmission medium,

[according to claim 8] configured for transmitting said computer program that is used in a control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, the computer program including the steps of:

transmitting the control signal to the electric apparatus;

receiving the additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received in the receiving step to a display device;

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory; and

performing a control by using the computer program.

10. (Amended) An electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, comprising:

a first receiving [means] unit for receiving the control signal transmitted from the control device;

a [control means] controller for performing a control in accordance with the control signal received by the first receiving [means] unit;

a second receiving [means] unit for receiving the information transmitted via the transmission medium;

an extracting [means] unit for extracting additional information from the information received by the second receiving [means] unit; and

a transmitting [means] unit for transmitting the additional information extracted by the extracting [means] unit to the control device[.];

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

11. (Amended) A control method of an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, comprising the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

[a control step of] performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

[an extracting step of] extracting additional information from the information received in the second receiving step; and

[a transmitting step of] transmitting the additional information extracted in the extracting step to the control device[.];

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

12. (Amended) A transmission medium for transmitting a computer program used in an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, the computer program comprising the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

[a control step of] performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

[an extracting step of] extracting additional information from the information received in the second receiving step; and

[a transmitting step of] transmitting the additional information extracted in the extracting step to the control device[.];

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

13. (Amended) A control method of an electric apparatus, comprising the steps of:
storing [the] a computer program transmitted from [the] a transmission medium,
[according to claim 12; and] the transmission medium for transmitting said computer
program used in an electric apparatus which receives information that is transmitted via a
transmission medium and performs an operation in accordance with a control signal that is
transmitted from a control device, the computer program including the steps of:

a first receiving step of receiving the control signal transmitted from the
control device;

performing a control in accordance with the control signal received in the first
receiving step;

a second receiving step of receiving the information transmitted via the
transmission medium;

extracting additional information from the information received in the second
receiving step; and

transmitting the additional information extracted in the extracted step to the
control device; and

controlling the electric apparatus by using the computer program[.];

wherein the control device is configured to store said extracted additional
information.

14-19. Cancelled

20. (Amended) The [control] device [according to] of claim 1[,], wherein the control
device instructs the electric apparatus to transmit the additional information.

21. (Amended) The [control] device [according to] of claim 1[,], further comprising
notifying means for notifying a user of reception of the additional information when the

receiving means receives the additional information that is transmitted in response to instruction that was issued from the control device.

22. (Amended) The [electric] apparatus [according to] of claim 10[,] wherein the electric apparatus is a personal computer.

23. (Amended) The [electric] apparatus [according to] of claim 10[,] wherein the electric apparatus is a television receiver.

24. (Amended) The [electric] apparatus [according to] of claim 10[,] wherein the electric apparatus is a recording apparatus.

25. (Amended) The [control] device [according to] of claim 1[,] wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

26. (Amended) The [control] device [according to] of claim 1[,] wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

27. (Amended) The [control] device [according to] of claim 5[,] wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

28. (Amended) The [control] device [according to] of claim 3[,] wherein the advertisement information includes coupon information.

29. (Amended) The [control] device [according to] of claim 3 [,] wherein the advertisement information includes URL information.

30. Canceled

31. (Amended) The [control] device [according to] of claim 5[,] wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.--

32. Canceled

33-88. Added as (New) --